**Scripting Languages**

**List of Programs – 4**

**Perform the following programs using ‘for’ loop**

1. Write a python program to calculate average of first ‘n’ natural numbers
2. Write a python program to print the multiplication table of ‘n’
3. Write a python program to find factorial of a number
4. Write a python program to calculate x power n
5. Write a python program to sum the series: 1 + 1/2 + 1/3 + …..+ 1/n
6. Write a python program to sum the series: 1 + 1 / 22 + 1 / 32 + …… + 1/ n2
7. Write a python program to sum the series: 1/2 + 2/3 + …….+ n/n+1
8. Write a python program to solve sine series
9. Write a python program to solve cos series
10. Write a python program to demonstrate pass and else statements